

ANGLE-SEAT SOLENOID VALVE FOR STEAM TYPE 6038

2/2 way - 0 ÷ 10 bar - 3/8" ÷ 1" Thredas - Normally Closed

2/2 way angle seat solenoid valve with direct acting mode. The plunger is coupled with the seat tube. By attracting the plunger, a bore is opened by this pre-stroke. This cause a pressure relief in the valve inside, so that the valve can be opened fully by the magnetic power. De-energized, the valve is hold closed by a spring force. The medium pressure on top off the plunger supports the closing force of the spring.

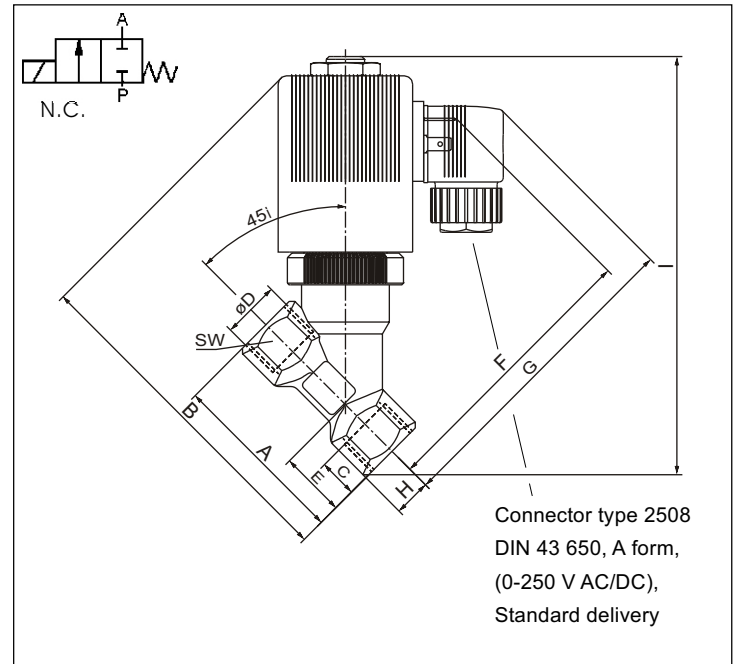
TECHNICAL DATA

Pressure range	0-10 bar
Threads	G 3/8 - G 1
Media temperature	0°C ... +180°C
Ambient temperature	+55 °C, max.
Body	Gunmetal
Seat material	1.4571 Stainless steel
Gasket	PTFE
Plunger gasket	FPM
O-rings	FPM
Coil	Epoxy
Fluids	Steam
Power consumption	AC: 106 VA (inrush) AC: 38 VA / 18 W (hold)
Protection class	IP 65 (standard)
Cable plug	2508, DIN 43 650 A, 0-250 V

Options

- Wide range of cable plugs

Dimension [mm]



Variable dimensions [mm]

Threads	DN	C	A	B	E	F	G	H	I
ØD	[mm]	C [mm]							
G 3/8	12.0	12.0	65.0	124.5	24.0	102.0	116.0	13.5	152.0
G 1/2	12.0	14.0	65.0	124.5	24.0	102.0	116.0	13.5	152.0
G 1/2	16.0	14.0	75.0	132.5	27.0	107.0	121.5	16.0	163.0
G 3/4	16.0	16.0	75.0	132.5	27.0	107.0	121.5	16.0	163.0
G 1	16.0	18.0	95.0	146.5	31.0	117.0	131.0	20.5	183.0

SPECIFICATIONS

Threads	Orifice	Kv-value (Water)	Response time		Weight	Function
			(Opening)	(Closing)		
[Inch]	[mm]	[m³/h]	[ms]	[ms]	[kg]	
G 3/8	12.0	2.2	20.0	60.0	0.90	
G 1/2	12.0	2.2	20.0	60.0	0.90	
G 1/2	16.0	2.8	30.0	50.0	1.10	
G 3/4	16.0	2.8	30.0	50.0	1.10	
G 1	16.0	2.8	30.0	50.0	1.30	

ORDERING CODE

Voltage / Frequency [V/Hz]			
24/DC	24/50-60	110/50-60	230/50-60
---	140 427 W	140 428 F	140 429 G
---	140 430 D	140 431 S	140 432 T
---	140 439 A	140 440 P	140 441 C
---	140 445 G	140 446 H	140 447 A
---	140 451 E	140 452 F	140 453 G

With standard cable plug 0-250 V AC

- ✓ Zero differential pressure
- ✓ Long service life
- ✓ Compact design
- ✓ Ideal for steam, pressure and Temperature control system module